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OM protein - protein search, using sw model

Run on: March 7, 2005, 07:07:07 ; Search time 61.3569 Seconds  
(without alignments)  
1072.560 Million cell updates/sec

Title: US-09-939-537-31\_COPY\_1\_200  
Perfect score: 1029  
Sequence: 1 NMRGVPFRLLVLQALALP.....TWTCVLIQNKVKEFKIDIV 200

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 329044822 residues  
Total number of hits satisfying chosen parameters: 1391452

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA:  
1: /cgn2\_6/ptodata/1/pubppa/US07\_PUBCOMB.pep:\*  
2: /cgn2\_6/ptodata/1/pubppa/PCF\_NEW\_PUB.pep:\*  
3: /cgn2\_6/ptodata/1/pubppa/US06\_NEW\_PUB.pep:\*  
4: /cgn2\_6/ptodata/1/pubppa/US06\_PUBCOMB.pep:\*  
5: /cgn2\_6/ptodata/1/pubppa/US07\_NEW\_PUB.pep:\*  
6: /cgn2\_6/ptodata/1/pubppa/PCFUS\_PUBCOMB.pep:\*  
7: /cgn2\_6/ptodata/1/pubppa/US08\_NEW\_PUB.pep:\*  
8: /cgn2\_6/ptodata/1/pubppa/US08\_PUBCOMB.pep:\*  
9: /cgn2\_6/ptodata/1/pubppa/US09\_PUBCOMB.pep:\*  
10: /cgn2\_6/ptodata/1/pubppa/US09\_PUBCOMB.pep:\*  
11: /cgn2\_6/ptodata/1/pubppa/US09\_PUBCOMB.pep:\*  
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16: /cgn2\_6/ptodata/1/pubppa/US10\_PUBCOMB.pep:\*  
17: /cgn2\_6/ptodata/1/pubppa/US10\_PUBCOMB.pep:\*  
18: /cgn2\_6/ptodata/1/pubppa/US10\_PUBCOMB.pep:\*  
19: /cgn2\_6/ptodata/1/pubppa/US10\_PUBCOMB.pep:\*  
20: /cgn2\_6/ptodata/1/pubppa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	ID	Description
1	1029	100.0	203 10 US-09-939-537-31	Sequence 31, Appl
2	1029	100.0	398 10 US-09-939-537-29	Sequence 29, Appl
3	1029	100.0	402 14 US-10-157-408-1	Sequence 1, Appl
4	1029	100.0	402 14 US-10-097-044A-1	Sequence 1, Appl
5	1029	100.0	402 16 US-10-769-247-1	Sequence 1, Appl
6	1029	100.0	457 11 US-09-891-119A-9	Sequence 9, Appl
7	1029	100.0	462 10 US-09-939-537-5	Sequence 5, Appl
8	1029	100.0	462 11 US-09-243-008-5	Sequence 5, Appl
9	1029	100.0	532 10 US-09-939-537-6	Sequence 6, Appl
10	1029	100.0	532 11 US-09-243-008-6	Sequence 6, Appl
11	1029	100.0	575 10 US-09-939-537-4	Sequence 4, Appl
12	1029	100.0	575 11 US-09-243-008-4	Sequence 4, Appl
13	1023	99.4	310 8 US-08-485-163-7	Sequence 7, Appl

14	1023	99.4	310 9 US-09-766-995-6	Sequence 6, Appl
15	1023	99.4	432 8 US-08-485-163-3	Sequence 3, Appl
16	1023	99.4	432 9 US-09-766-995-2	Sequence 2, Appl
17	1023	99.4	458 14 US-10-151-274-3	Sequence 3, Appl
18	1023	99.4	458 14 US-10-103-597A-39	Sequence 39, Appl
19	1023	99.4	458 14 US-10-188-444-39	Sequence 39, Appl
20	1023	99.4	458 14 US-10-207-665-170	Sequence 170, App
21	1023	99.4	530 8 US-08-485-163-5	Sequence 5, Appl
22	1023	99.4	530 8 US-09-766-995-4	Sequence 4, Appl
23	1021	99.2	458 8 US-08-681-219-27	Sequence 27, Appl
24	1021	99.2	458 10 US-09-230-111C-25	Sequence 25, Appl
25	1021	99.2	458 11 US-10-092-138-25	Sequence 25, Appl
26	1012	98.3	397 11 US-09-891-119A-2	Sequence 2, Appl
27	917.5	89.2	448 14 US-10-024-329-32	Sequence 32, Appl
28	916	89.0	434 14 US-10-157-408-4	Sequence 4, Appl
29	916	89.0	434 14 US-10-097-044A-4	Sequence 4, Appl
30	916	89.0	434 14 US-10-769-247-4	Sequence 4, Appl
31	903	87.8	788 14 US-10-073-118-26	Sequence 26, Appl
32	899	87.4	178 9 US-09-934-060A-26	Sequence 6, Appl
33	899	87.4	370 9 US-09-759-841-6	Sequence 129, App
34	899	87.4	433 16 US-10-872-198-129	Sequence 13, Appl
35	899	87.4	590 9 US-09-934-060A-13	Sequence 2, Appl
36	899	87.4	720 9 US-09-934-060A-2	Sequence 2, Appl
37	899	87.4	720 9 US-09-934-060A-4	Sequence 3, Appl
38	881	85.6	184 14 US-10-024-329-33	Sequence 33, Appl
39	494	48.0	94 11 US-09-891-119A-10	Sequence 10, Appl
40	466	47.2	93 14 US-10-105-545-26	Sequence 26, Appl
41	475	46.2	612 14 US-10-125-692-10	Sequence 10, Appl
42	337	32.8	84 9 US-09-135-238B-8	Sequence 8, Appl
43	238	23.1	95 14 US-10-105-545-25	Sequence 25, Appl
44	150	14.6	50 14 US-10-076-674-4	Sequence 4, Appl
45	150	14.6	50 14 US-10-076-674-5	Sequence 5, Appl

ALIGNMENTS

RESULT 1  
US-09-939-537-31  
; Sequence 31, Application US/09939537  
; Publication No. US20030138410A1  
; GENERAL INFORMATION:  
; APPLICANT: Seed, Brian  
; Banapour, Babak  
; Romeo, Charles  
; Kolanus, Waldemar  
; TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
; CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Clark & Elbing LLP  
; STREET: 176 Federal Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/939,537  
; FILING DATE: 24-Aug-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/284,391  
; FILING DATE: 02-AUG-1994  
; APPLICATION NUMBER: 08/195,395  
; FILING DATE: 14-FEB-1994  
; APPLICATION NUMBER: 07/847,566  
; FILING DATE: 06-MAR-1992  
; APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 31:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 203 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 31:  
US-09-939-537-31

Query Match 100.0%; Score 1029; DB 10; Length 203;  
Best Local Similarity 100.0%; Pred. No. 4.4e-78;  
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPRHLIVLQALIPAAIQGNKVLGKKDVTVELCTASQKSIQPHMKNNSQIK 60  
DB 1 MNRGVPRHLIVLQALIPAAIQGNKVLGKKDVTVELCTASQKSIQPHMKNNSQIK 60  
QY 61 ILGNQSFLLTKGPSKLNDRADSRSLMDQGNFLLIKNLKIEDSDTYICEVEDQKEEVOL 120  
DB 61 ILGNQSFLLTKGPSKLNDRADSRSLMDQGNFLLIKNLKIEDSDTYICEVEDQKEEVOL 120  
QY 121 LVFGLTANSDFHLQGSILTLTLESPSSPSVQCRSPRGKNIQSGKTLVSQLELDQSG 180  
DB 121 LVFGLTANSDFHLQGSILTLTLESPSSPSVQCRSPRGKNIQSGKTLVSQLELDQSG 180  
QY 181 TWCTVLOKQKVEFKIDIV 200  
DB 181 TWCTVLOKQKVEFKIDIV 200

RESULT 2  
US-09-939-537-29

; Sequence 29, Application US/09939537  
; Publication No. US20030138410A1  
; GENERAL INFORMATION:  
; APPLICANT: Seed, Brian  
; Banapour, Babak  
; Kolanus, Charles  
; TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
; CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Clark & Elbing LLP  
; STREET: 176 Federal Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/939,537  
; FILING DATE: 24-Aug-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/284,391  
; FILING DATE: 02-AUG-1994  
; APPLICATION NUMBER: 08/195,395  
; FILING DATE: 14-FEB-1994

APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 398 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 29:  
US-09-939-537-29

Query Match 100.0%; Score 1029; DB 10; Length 398;  
Best Local Similarity 100.0%; Pred. No. 9.8e-78;  
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPRHLIVLQALIPAAIQGNKVLGKKDVTVELCTASQKSIQPHMKNNSQIK 60  
DB 1 MNRGVPRHLIVLQALIPAAIQGNKVLGKKDVTVELCTASQKSIQPHMKNNSQIK 60  
QY 61 ILGNQSFLLTKGPSKLNDRADSRSLMDQGNFLLIKNLKIEDSDTYICEVEDQKEEVOL 120  
DB 61 ILGNQSFLLTKGPSKLNDRADSRSLMDQGNFLLIKNLKIEDSDTYICEVEDQKEEVOL 120  
QY 121 LVFGLTANSDFHLQGSILTLTLESPSSPSVQCRSPRGKNIQSGKTLVSQLELDQSG 180  
DB 121 LVFGLTANSDFHLQGSILTLTLESPSSPSVQCRSPRGKNIQSGKTLVSQLELDQSG 180  
QY 181 TWCTVLOKQKVEFKIDIV 200  
DB 181 TWCTVLOKQKVEFKIDIV 200

RESULT 3  
US-10-157-408-1

; Sequence 1, Application US/10157408  
; Publication No. US20030104535A1  
; GENERAL INFORMATION:  
; APPLICANT: Capon, Daniel J.  
; Gregory, Timothy J.  
; TITLE OF INVENTION: Adhesion Variants  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genentech, Inc.  
; STREET: 460 Point San Bruno Blvd  
; CITY: South San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94080  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: patin (Genentech)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/157,408  
; FILING DATE: 28-May-2002  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/457,918  
; FILING DATE: 1-JUN-1995  
; APPLICATION NUMBER: 08/236311  
; FILING DATE: 02-MAY-1994

APPLICATION NUMBER: 07/936190  
FILING DATE: 26-AUG-1992  
APPLICATION NUMBER: 07/842777  
FILING DATE: 18-FEB-1992  
APPLICATION NUMBER: 07/250785  
FILING DATE: 28-SEP-1988  
APPLICATION NUMBER: 07/104329  
FILING DATE: 02-OCT-1987  
ATTORNEY/AGENT INFORMATION:  
NAME: Kubinec, Jeffrey S.  
REGISTRATION NUMBER: 36,575  
REFERENCE/DOCKET NUMBER: P0444PIC3  
TELEPHONE: 415/225-8228  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 402 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-10-157-408-1

Query Match 100.0%; Score 1029; DB 14; Length 402;  
Best Local Similarity 100.0%; Pred. No. 9,9e-78;  
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLVLTQALPAATQGNKVVIGKKGDVVELTCTASQKKSIOFHKNSNOIK 60  
DB 1 MNRGVPFRHLVLTQALPAATQGNKVVIGKKGDVVELTCTASQKKSIOFHKNSNOIK 60  
QY 61 ILGNQSPFLTKGSKINDRADSRSLMDGNFPLIIKNLKIEDSDTYICEVEQKEVOL 120  
DB 61 ILGNQSPFLTKGSKINDRADSRSLMDGNFPLIIKNLKIEDSDTYICEVEQKEVOL 120  
QY 121 LVFGLTANSDPHTLQSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLSSVQLLELQDSG 180  
DB 121 LVFGLTANSDPHTLQSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLSSVQLLELQDSG 180  
QY 181 TWTCTVLQNKQKVEFKIDIV 200  
DB 181 TWTCTVLQNKQKVEFKIDIV 200

RESULT 4  
US-10-097-044A-1  
Sequence 1, Application US/10097044A  
Publication No. US20030143220A1  
GENERAL INFORMATION:  
APPLICANT: Capon, Daniel J.  
TITLE OF INVENTION: Adhesion Variants  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/097,044A  
FILING DATE: 28-May-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,918  
FILING DATE: 1-JUN-1995

APPLICATION NUMBER: 08/236311  
FILING DATE: 02-MAY-1994  
APPLICATION NUMBER: 07/936190  
FILING DATE: 26-AUG-1992  
APPLICATION NUMBER: 07/842777  
FILING DATE: 18-FEB-1992  
APPLICATION NUMBER: 07/250785  
FILING DATE: 28-SEP-1988  
APPLICATION NUMBER: 07/104329  
FILING DATE: 02-OCT-1987  
ATTORNEY/AGENT INFORMATION:  
NAME: Kubinec, Jeffrey S.  
REGISTRATION NUMBER: 36,575  
REFERENCE/DOCKET NUMBER: P0444PIC3  
TELEPHONE: 415/225-8228  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 402 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-10-097-044A-1

Query Match 100.0%; Score 1029; DB 14; Length 402;  
Best Local Similarity 100.0%; Pred. No. 9,9e-78;  
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLVLTQALPAATQGNKVVIGKKGDVVELTCTASQKKSIOFHKNSNOIK 60  
DB 1 MNRGVPFRHLVLTQALPAATQGNKVVIGKKGDVVELTCTASQKKSIOFHKNSNOIK 60  
QY 61 ILGNQSPFLTKGSKINDRADSRSLMDGNFPLIIKNLKIEDSDTYICEVEQKEVOL 120  
DB 61 ILGNQSPFLTKGSKINDRADSRSLMDGNFPLIIKNLKIEDSDTYICEVEQKEVOL 120  
QY 121 LVFGLTANSDPHTLQSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLSSVQLLELQDSG 180  
DB 121 LVFGLTANSDPHTLQSQSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLSSVQLLELQDSG 180  
QY 181 TWTCTVLQNKQKVEFKIDIV 200  
DB 181 TWTCTVLQNKQKVEFKIDIV 200

RESULT 5  
US-10-769-247-1  
Sequence 1, Application US/10769247  
Publication No. US20040197809A1  
GENERAL INFORMATION:  
APPLICANT: Capon, Daniel J.  
TITLE OF INVENTION: Adhesion Variants  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/769,247  
FILING DATE: 30-Jan-2004  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US/08/457,918
; FILING DATE: 1-JUN-1995
; APPLICATION NUMBER: 08/226311
; FILING DATE: 02-MAY-1994
; APPLICATION NUMBER: 07/936190
; FILING DATE: 26-AUG-1992
; APPLICATION NUMBER: 07/842777
; FILING DATE: 18-FEB-1992
; APPLICATION NUMBER: 07/250785
; FILING DATE: 28-SEP-1988
; APPLICATION NUMBER: 07/104329
; FILING DATE: 02-OCT-1987
; ATTORNEY/AGENT INFORMATION:
; NAME: Kubinec, Jeffrey S.
; REGISTRATION NUMBER: 36,575
; REFERENCE/DOCKET NUMBER: P0444P1C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-8228
; TELEFAX: 415/952-9881
; TELE: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 402 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-769-247-1

Query Match      100.0%; Score 1029; DB 16; Length 402;
Best Local Similarity 100.0%; Pred. No. 9.9e-78;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLILVQLALPAAQGNKRVLGKKGDTVELCTASQKSIQFHKNSNQIK 60
DB 1 MNRGVPFRHLILVQLALPAAQGNKRVLGKKGDTVELCTASQKSIQFHKNSNQIK 60
QY 61 ILNGQSFLLTKGSPKLNDRADSRSLMDQGNFLLIKNLKIDSDTYICEVDQKEEYQL 120
DB 61 ILNGQSFLLTKGSPKLNDRADSRSLMDQGNFLLIKNLKIDSDTYICEVDQKEEYQL 120
QY 121 LVFGLTANSDTHLLQGQSLTTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
DB 121 LVFGLTANSDTHLLQGQSLTTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
QY 181 TWICTVLOQKXVEPKIDIV 200
DB 181 TWICTVLOQKXVEPKIDIV 200

RESULT 6
US-09-891-119A-9
; Sequence 9, Application US/09891119A
; Publication No. US20040013683A1
; GENERAL INFORMATION:
; APPLICANT: Maddon, Paul J.
; TITLE OF INVENTION: DERIVATIVES OF SOLUBLE T-4
; FILE REFERENCE: 24577-CY-B
; CURRENT APPLICATION NUMBER: US/09/891,119A
; FILING DATE: 2001-06-25
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 457
; TYPE: PRY
; ORGANISM: human
US-09-891-119A-9

Query Match      100.0%; Score 1029; DB 11; Length 457;
Best Local Similarity 100.0%; Pred. No. 1.2e-77;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLILVQLALPAAQGNKRVLGKKGDTVELCTASQKSIQFHKNSNQIK 60
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DB 1 MNRGVPFRHLILVQLALPAAQGNKRVLGKKGDTVELCTASQKSIQFHKNSNQIK 60
QY 61 ILNGQSFLLTKGSPKLNDRADSRSLMDQGNFLLIKNLKIDSDTYICEVDQKEEYQL 120
DB 61 ILNGQSFLLTKGSPKLNDRADSRSLMDQGNFLLIKNLKIDSDTYICEVDQKEEYQL 120
QY 121 LVFGLTANSDTHLLQGQSLTTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
DB 121 LVFGLTANSDTHLLQGQSLTTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
QY 181 TWICTVLOQKXVEPKIDIV 200
DB 181 TWICTVLOQKXVEPKIDIV 200

RESULT 7
US-09-939-537-5
; Sequence 5, Application US/09939537
; Publication No. US20030138410A1
; GENERAL INFORMATION:
; APPLICANT: Seed, Brian
; Banapour, Babak
; Romeo, Charles
; Kolanus, Waldemar
; TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
; CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESS: Clark & Elbing LLP
; STREET: 176 Federal Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Pastero for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/939,537
; FILING DATE: 24-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/284,391
; FILING DATE: 02-AUG-1994
; APPLICATION NUMBER: 08/195,395
; FILING DATE: 14-FEB-1994
; APPLICATION NUMBER: 07/847,566
; FILING DATE: 06-MAR-1992
; APPLICATION NUMBER: 07/665,961
; FILING DATE: 07-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Elbing, Karen L.
; REGISTRATION NUMBER: 35,238
; REFERENCE/DOCKET NUMBER: 00786/247001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-428-0200
; TELEFAX: 617-428-7045
; TELE: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 462 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; MOLECULE TYPE: protein
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-939-537-5

Query Match      100.0%; Score 1029; DB 10; Length 462;
Best Local Similarity 100.0%; Pred. No. 1.2e-77;
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 MNRGVFRRLLLVLTQLALPAATQGNKVVLGKKGDTVELTCTASOKKSIQFHKNSNOIK 60  
DB 1 MNRGVFRRLLLVLTQLALPAATQGNKVVLGKKGDTVELTCTASOKKSIQFHKNSNOIK 60  
QY 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNLKIETSDTYICEVEDQKEEVOL 120  
DB 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNLKIETSDTYICEVEDQKEEVOL 120  
QY 121 LVFGLTANSDTHLLQOQSLLTLTLESPGSSPSVQCSPPRGKNIQGGKTLISVSQLELDG 180  
DB 121 LVFGLTANSDTHLLQOQSLLTLTLESPGSSPSVQCSPPRGKNIQGGKTLISVSQLELDG 180  
QY 181 TWTCTVLQONOKKVEFKIDIV 200  
DB 181 TWTCTVLQONOKKVEFKIDIV 200

## RESULT 8

US-09-243-008-5  
Sequence 5, Application US/09243008  
Publication No. US20040005334A1

## GENERAL INFORMATION:

APPLICANT: Seed, Brian et al.  
TITLE OF INVENTION: Redirection of Cellular Immunity by Receptor Chimeras

NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2804

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM PS/2 Model 50Z or 55SX

OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)

SOFTWARE: Wordperfect (Version 5.0)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/243,008

FILING DATE: 02-Feb-1999

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/394,176

FILING DATE: SEPTEMBER 11, 1995

APPLICATION NUMBER: 08/203,866

FILING DATE: February 28, 1994

APPLICATION NUMBER: 07/847,566

FILING DATE: March 6, 1992

APPLICATION NUMBER: 07/665,961

FILING DATE: March 7, 1991

ATTORNEY/AGENT INFORMATION:

NAME: Karen F. Lech, Ph.D.

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/270001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

TELEX: 200154

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 462 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 5:

US-09-243-008-5

Query Match 100.0%; Score 1029; DB 11; Length 462;  
Best Local Similarity 100.0%; Pred. No. 1.2e-77;  
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFRRLLLVLTQLALPAATQGNKVVLGKKGDTVELTCTASOKKSIQFHKNSNOIK 60

DB 1 MNRGVFRRLLLVLTQLALPAATQGNKVVLGKKGDTVELTCTASOKKSIQFHKNSNOIK 60  
QY 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNLKIETSDTYICEVEDQKEEVOL 120  
DB 61 ILGNQSSFLTKGSKINDRADSRSLMDQGNFPLIIKNLKIETSDTYICEVEDQKEEVOL 120  
QY 121 LVFGLTANSDTHLLQOQSLLTLTLESPGSSPSVQCSPPRGKNIQGGKTLISVSQLELDG 180  
DB 121 LVFGLTANSDTHLLQOQSLLTLTLESPGSSPSVQCSPPRGKNIQGGKTLISVSQLELDG 180  
QY 181 TWTCTVLQONOKKVEFKIDIV 200  
DB 181 TWTCTVLQONOKKVEFKIDIV 200

## RESULT 9

US-09-939-537-6  
Sequence 6, Application US/09939537  
Publication No. US20030138410A1

## GENERAL INFORMATION:

APPLICANT: Seed, Brian

Banapour, Babak

Romeo, Charles

Kolman, Waldemar

TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS

NUMBER OF SEQUENCES: 53

CORRESPONDENCE ADDRESS:

ADDRESSEE: Clark & Elbing LLP

STREET: 176 Federal Street

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939,537

FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/284,391

FILING DATE: 02-AUG-1994

APPLICATION NUMBER: 08/195,395

FILING DATE: 14-FEB-1994

APPLICATION NUMBER: 07/847,566

FILING DATE: 06-MAR-1992

APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L.

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617-428-0200

TELEFAX: 617-428-7045

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 532 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-939-537-6

Query Match 100.0%; Score 1029; DB 10; Length 532;  
Best Local Similarity 100.0%; Pred. No. 1.4e-77;

Thu Mar 10 07:09:05 2005

us-09-939-537-31\_copy\_1\_200.rapb

Page 6

Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLLVLTQALLPAATQGNKVVYLGKKGDTVELTCTASQKKSIOFHMKNSNOIK 60  
Db 1 MNRGVPFRHLLVLTQALLPAATQGNKVVYLGKKGDTVELTCTASQKKSIOFHMKNSNOIK 60  
QY 61 ILGNQGSFLTQKPSKINDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEQKEEVOL 120  
Db 61 ILGNQGSFLTQKPSKINDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEQKEEVOL 120  
QY 121 LVFGLTANSSTHLLQGS/LT/LTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180  
Db 121 LVFGLTANSSTHLLQGS/LT/LTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180  
QY 181 TWTCVTVLQNGKVEFKIDIV 200  
Db 181 TWTCVTVLQNGKVEFKIDIV 200

RESULT 10

US-09-243-008-6  
; Sequence 6, Application US/09243008  
; Publication No. US20040005334A1

GENERAL INFORMATION:

APPLICANT: Seed, Brian et al.  
TITLE OF INVENTION: Redirection of Cellular Immunity by Receptor Chimeras

NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA

COUNTRY: USA  
ZIP: 02110-2804

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
SOFTWARE: Wordperfect (Version 5.0)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/243,008  
FILING DATE: 02-Feb-1999

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/394,176  
FILING DATE: SEPTEMBER 11, 1995  
APPLICATION NUMBER: 08/203,866  
FILING DATE: February 28, 1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: March 6, 1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: March 7, 1991

ATTORNEY/AGENT INFORMATION:

NAME: Karen F. Lech, Ph.D  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/270001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-243-008-6

Query Match 100.0%; Score 1029; DB 11; Length 532;  
Best Local Similarity 100.0%; Pred. No. 1.4e-77;  
Matches 200; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLLVLTQALLPAATQGNKVVYLGKKGDTVELTCTASQKKSIOFHMKNSNOIK 60  
Db 1 MNRGVPFRHLLVLTQALLPAATQGNKVVYLGKKGDTVELTCTASQKKSIOFHMKNSNOIK 60  
QY 61 ILGNQGSFLTQKPSKINDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEQKEEVOL 120  
Db 61 ILGNQGSFLTQKPSKINDRADSRSLMDQGNFPLIIKNLKIEDSDTYICEVEQKEEVOL 120  
QY 121 LVFGLTANSSTHLLQGS/LT/LTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180  
Db 121 LVFGLTANSSTHLLQGS/LT/LTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180  
QY 181 TWTCVTVLQNGKVEFKIDIV 200  
Db 181 TWTCVTVLQNGKVEFKIDIV 200

RESULT 11

US-09-939-537-4  
; Sequence 4, Application US/09939537  
; Publication No. US20030138410A1

GENERAL INFORMATION:

APPLICANT: Seed, Brian  
Banapour, Babak  
Romeo, Charles  
Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS

NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP

STREET: 176 Federal Street  
CITY: Boston  
STATE: MA

COUNTRY: USA  
ZIP: 02110

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/939,537  
FILING DATE: 24-Aug-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991

ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:  
LENGTH: 575 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 4:

US-09-939-537-4

Query Match 100.0%; Score 1029; DB 10; Length 575;

[illegible]

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Qy	1	MARGPFFHLLVLTQALPPATQGNKVLGKGQTVELCTASQKKS:QFHHKNSNQIK	60
Qy	1	MARGPFFHLLVLTQALPPATQGNKVLGKGQTVELCTASQKKS:QFHHKNSNQIK	60
Db	1	MARGPFFHLLVLTQALPPATQGNKVLGKGQTVELCTASQKKS:QFHHKNSNQIK	60
Qy	61	ILGNQGSFLTKGSPKLANDRADSRSLWDQGNPLIIKNIKIEDSPYICEVEDQKEVQL	120
Db	61	ILGNQGSFLTKGSPKLANDRADSRSLWDQGNPLIIKNIKIEDSPYICEVEDQKEVQL	120
Qy	121	LVFGITASDPHLLQGOSLTLTLESPPSSSPVQCRRSPGKNIQGGKTLTSVQLSLQDSG	180
Db	121	LVFGITASDPHLLQGOSLTLTLESPPSSSPVQCRRSPGKNIQGGKTLTSVQLSLQDSG	180
Qy	181	TWTCTVLONOKKVEFKIDIV	200
Db	181	TWTCTVLONOKKVEFKIDIV	200

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RESULT 13
US-08-485-163-7
; Sequence 7, Application US/08485163
; Publication No. US20020098191A1
; GENERAL INFORMATION:
; APPLICANT: Beaudry, Gary A.
; APPLICANT: Maddon, Paul J.
; TITLE OF INVENTION: CD4-GAMMA2 CD4-IGG2 CHIMERAS
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,163
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 37690-II-1-PCT-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 310 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: homo sapien
; CELL TYPE: lymphocyte
; US-08-485-163-7

Query Match          99.4%; Score 1023; DB 8; Length 310;
Best Local Similarity 99.5%; Pred. No.2.3e-77;
Matches 199; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1  MNRGVPRHLLLVLTALLPAATGKNVVLGKKGDVTELCTASQKSIQPHWNSNQIK 60
      |||
Db      1  MNRGVPRHLLLVLTALLPAATGKKVVLGKKGDVTELCTASQKSIQPHWNSNQIK 60
      |||

Qy      61  ILNGQSFTRKGSBKLANDRADSRSLMDQGNFLLIKLKIEDSDTYICEVEDQKEVQL 120
      |||
Db      61  ILNGQSFTRKGSBKLANDRADSRSLMDQGNFLLIKLKIEDSDTYICEVEDQKEVQL 120
      |||

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Db      61 ILGNQGSFLTCKPSKLNDRADSRSLMDQGNFPLIIRKMLKIBSDTYICEVEDQKEEVOL 120
Qy      121 LVFGLTANSDTHLLQGOSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
Db      121 LVFGLTANSDTHLLQGOSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
Qy      181 TWTCTVLQONQKVEFKIDIV 200
Db      181 TWTCTVLQONQKVEFKIDIV 200

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RESULT 14
US-09-766-995-6
; Sequence 6, Application US/09766995
; Patent No. US20020052481A1
; GENERAL INFORMATION:
; APPLICANT: Graham P. Alaway et al.
; TITLE OF INVENTION: NON-PEPTIDYL MOIETY-CONJUGATED CD4-GAMMA2 AND CD4-1G62 IMMUNOCONJ
; FILE REFERENCE: 2048/41215-CB/JPM/SHS
; CURRENT APPLICATION NUMBER: US/09/766,995
; CURRENT FILING DATE: 2001-01-22
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6
; LENGTH: 310
; TYPE: PRT
; ORGANISM: homo sapiens
US-09-766-995-6

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Query Match      99.4%; Score 1023; DB 9; Length 310;
Best Local Similarity 99.5%; Pred. No. 2.3e-77;
Matches 199; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 MNRGVPRHLLVQLALIPATQGNKYVLGKGDVETLCTASQKSIQFHMKNQIK 60
Db      1 MNRGVPRHLLVQLALIPATQGNKYVLGKGDVETLCTASQKSIQFHMKNQIK 60
Qy      61 ILGNQGSFLTCKPSKLNDRADSRSLMDQGNFPLIIRKMLKIBSDTYICEVEDQKEEVOL 120
Db      61 ILGNQGSFLTCKPSKLNDRADSRSLMDQGNFPLIIRKMLKIBSDTYICEVEDQKEEVOL 120
Qy      121 LVFGLTANSDTHLLQGOSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
Db      121 LVFGLTANSDTHLLQGOSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
Qy      181 TWTCTVLQONQKVEFKIDIV 200
Db      181 TWTCTVLQONQKVEFKIDIV 200

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RESULT 15
US-08-485-163-3
; Sequence 3, Application US/08485163
; Publication No. US20020098191A1
; GENERAL INFORMATION:
; APPLICANT: Beaudry, Gary A.
; APPLICANT: Maddon, Paul J.
; TITLE OF INVENTION: CD4-GAMMA2 CD4-1G62 CHIMERAS
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.24
; CURRENT APPLICATION DATA:

```

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; APPLICATION NUMBER: US/08/485,163
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 37690-II-1-PCT-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 432 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; ORGANISM: homo sapien
; CELL TYPE: lymphocyte
US-08-485-163-3

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Query Match      99.4%; Score 1023; DB 8; Length 432;
Best Local Similarity 99.5%; Pred. No. 3.4e-77;
Matches 199; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1 MNRGVPRHLLVQLALIPATQGNKYVLGKGDVETLCTASQKSIQFHMKNQIK 60
Db      1 MNRGVPRHLLVQLALIPATQGNKYVLGKGDVETLCTASQKSIQFHMKNQIK 60
Qy      61 ILGNQGSFLTCKPSKLNDRADSRSLMDQGNFPLIIRKMLKIBSDTYICEVEDQKEEVOL 120
Db      61 ILGNQGSFLTCKPSKLNDRADSRSLMDQGNFPLIIRKMLKIBSDTYICEVEDQKEEVOL 120
Qy      121 LVFGLTANSDTHLLQGOSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
Db      121 LVFGLTANSDTHLLQGOSLTLTLSPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQSG 180
Qy      181 TWTCTVLQONQKVEFKIDIV 200
Db      181 TWTCTVLQONQKVEFKIDIV 200

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Search completed: March 7, 2005, 07:28:11  
Job time : 62.3569 secs